Initial IDM-5110 2005.1.5 8:57 AM 页面1

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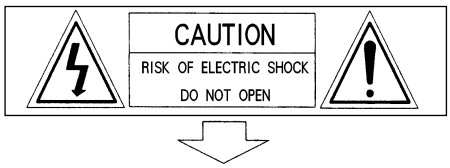
SAFETY PRECAUTIONS



- The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute risk of electric shock to persons.

- The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids,such as vases,shall be placed on the apparatus.

CAUTION: To prevent electric shock, match wide blade plug to wide slot, fully insert.

CAUTION: The unit employs a laser system. To ensure the proper use of the unit, read this manual carefully and keep it for future reference. If the unit requires servicing, contact the seller or our service center-see"troubleshooting".
To prevent direct exposure to the laser radiation, do not open the cabinet. Invisible laser radiation when the cabinet is opened or the interlocks are defeated. Do not stare into the laser beams.
Use of any controls, adjustments, or procedures other than those specified herein may result in hazardous radiation exposure.

WARNING: Any change or modification to the unit, not expressly approved by **Initial Technology, Inc.** or its authorized parties, could void user's authority to operate the unit.

SAFETY PRECAUTIONS

POWER SOURCES

This unit operates on a supplied AC adaptor, and chargeable batteries.

- Make sure that the input voltage of the AC adaptor is in line with the local voltage. Otherwise, the AC adaptor and unit may be damaged.
- Do not touch the AC adaptor with wet hand so as to avoid electric shocks.
- Unplug the AC adaptor from the outlet or remove the chargeable batteries when the unit is not used for a long time.
- Hold the plug to disconnect the AC adaptor. Do not pull the power cord.

ON PLACEMENT

Avoid placing the unit in the following places.

- Under direct sunlight or near a source of heat such as a heater.
  Never leave the unit in a closed automobile, on a dashboard or a parcel shelf. Excess heat may deform the cabin or cause malfunction.
- Where it is very dusty or sandy.
- Wet or humid places, such as bathroom.
- Near sources of strong magnetism, such as television, speaker, or magnet.
- Where there is a lot of movement or vibration, such as on a car dashboard or an unstable shelf.
- Where it is extremely hot or cold.
- Where the unit is exposed to rain or water.

FOR SAFETY

- Do not disassemble the unit for laser rays are dangerous to eyes.
- Any service should be done by qualified service personnel.
- Unplug the AC adaptor to cut the power if liquid or objects get inside the unit.
- Take care not to drop the unit or subject it to strong shocks, which may cause malfunction.

Note: When unit is in use for a long period of time, the surface of the unit will be heated. This should not effect the unit ability to playback.

MAINTENANCE FOR PICKUP

- If the unit is suddenly moved from a cold place to a warm one to experience a rapid temperature change, or the unit is put in a humid place, moisture will condense on the pickup lens and result in malfunction or playback difficulties. In this case, unload the disc and leave the unit on for about one hour to evaporate the moisture.
- Keep dust from the pickup lens. Keep the disc tray closed after use. If there is dust on the pickup lens, use a cleaning disc to clean them. Please refer to the operation instructions of the cleaning disc you bought.

WHEN USING HEADPHONES

- To avoid hearing damages caused by sudden big volume, keep the volume at the lowest level before play back. Then adjust it to needed level.
- Keep the volume lower to protect your ears.
- Never wear headphones when driving or riding bicycle so as to avoid traffic accidents.

IMPORTANT SAFETY INSTRUCTIONS

(1) Read instructions - All the safety and operating instructions should be read before the product is operated.

(2) Retain instructions - The safety and operating instructions should be retained for future reference.

(3) Warnings - All warning on the product and in the operating instructions should be adhered to.

(4) Follow instructions - All operating and use instructions should be followed.

(5) Cleaning - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

(6) Attachments - Do not use attachments not recommended by the product manufacturer as they may cause hazards.

(7) Water and moisture - Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.

(8) Accessories - Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

(9) A product and cart combination should be moved with care. Quick stops, excessive force and uneven surfaces may cause the product and cart combination to overturn.

(10) Power Sources - This product should be operated only from the type of power source indicated.on the rear panel. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

(11) Grounding or Polarization - This product may be equipped with a polarized alternating - current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

(12) Power Cord Protection - Power supply cords should be routed so that they art not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs. convenience receptacles, and the point where they exit from the product.

(13) Lightning - For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power - line surges.

IMPORTANT SAFETY INSTRUCTIONS

(14) Power Lines - An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

(15) Overloading - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

(16) Object and Liquid Entry - Never push objects of any kind into this product through result in a fire or electric shock. Never spill liquid of any kind on the product.

(17) Servicing - Do not attempt to service this product yourself as it must be opened by qualified service personnel.

(18) Damages Requiring Service - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions.

a) When the power - supply cord or plug is damaged.

b) If liquid has been spilled, or objects have fallen into the product.

c) If the product has been exposed to rain or water.

d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.

e) If the product has been dropped or damaged in any way.

f) When the product exhibits a distinct change in performance - this indicates a need for service.

(19) Replacement parts - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

(20) Safety Check - Upon completion of any service or repair to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

(21) Heat - The product should be situated away from heat sources such as radiators, heat registers, stoves or other products (including amplifiers) that produce heat.

(22) During playback, few bright or dark flecks may appear on the TFT LCD, which is a normal phenomenon in active matrix display technology, but not a malfunction.

FEATURES

1. HIGH DEFINITION

The unit adopts MPEG2 coding format and brings the horizontal resolution over 500 lines.

2. UNIQUE FUNCTIONS

Multi - angle and multi - language brings unique trick functions.

Parental lock makes it easy to control the content of discs.

3. ZOOM

The IDM-5110 has a unique feature that can zoom multi-media playback 2X, 3X, or 4X the original size.

4. MULTI - FUNCTIONS

Fast forward, fast reverse, slow play, frame play, repeat play and program play.

5. TIME SEARCH

It can search a specific part on a disc, especially good for watching action movies.

6.CONTENT DISPLAY

5" TFT LCD and English OSD, makes the disc content clearer.

7.AUDIO OUTPUT

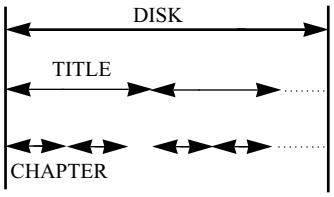
Analog audio output, coaxial digital audio output can be connected with any amplifier to enjoy high quality sound effects.

8.TFT color LCD, chargeable batteries, headphone output, convenient for enjoying great pictures and beautiful music on the way.

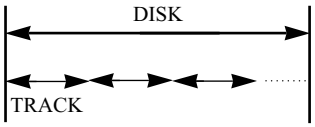
DEFINITION OF TERMS

- **TITLE**
  The images or music of a DVD are divided into some units, among which title is the biggest one. To an image in video software, title is movie, to a piece of music in audio software, it is music.
- **CHAPTER**
  It is smaller than title among the units of a DVD. A title is made up of several chapters, and each chapter has a number for search. But some discs may not have numbered chapters.
- **TRACK**
  The music in a CD. Each track has a number for search.

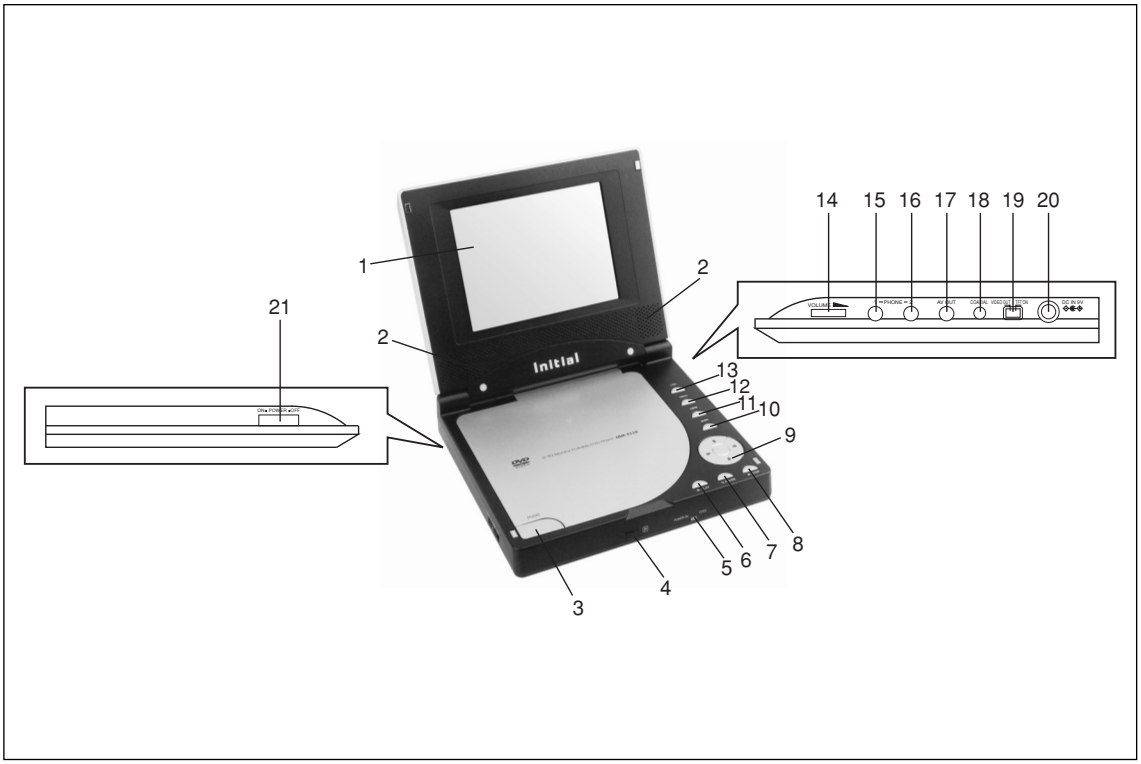
STRUCTURE OF DVD



STRUCTURE OF CD



NAME OF PARTS

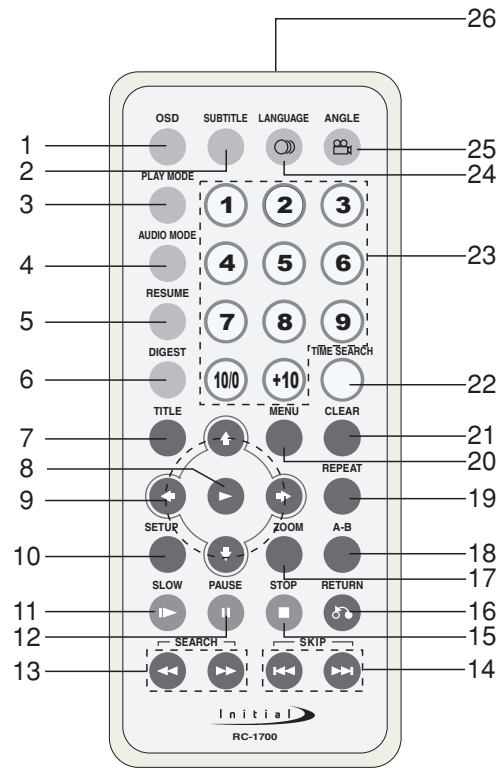


■MAIN UNIT

(1) TFT LCD
(2) SPEAKER
(3) PUSH OPEN
(4) REMOTE SENSOR
(5) POWER ON/CHG INDICATOR
(6) PLAY
(7) PAUSE
(8) STOP
(9) DIRECTION BUTTONS
(10) NEXT SKIP
(11) PREV SKIP
(12) MENU
(13) OSD
(14) VOLUME
(15) PHONE 1
(16) PHONE 2
(17) AV OUT
(18) COAXIAL OUT
(19) VIDEO/TFT(SLIDE SWITCH)*
(20) DC IN
(21) POWER ON/OFF

*The slide switch can only be set when power is set OFF.

NAME OF PARTS



■REMOTE CONTROL

(1) OSD
(2) SUBTITLE
(3) PLAY MODE
(4) AUDIO MODE
(5) RESUME
(6) DIGEST
(7) TITLE
(8) PLAY
(9) DIRECTION BUTTONS
(10) SETUP
(11) SLOW
(12) PAUSE
(13) FF/FR SEARCH
(14) PREV/NEXT SKIP
(15) STOP
(16) RETURN
(17) ZOOM
(18) A-B REPEAT
(19) REPEAT
(20) MENU
(21) CLEAR
(22) TIME SEARCH
(23) NUMBER BUTTONS
(24) LANGUAGE
(25) ANGLE
(26) REMOTE TRANSMITTER

CONNECTIONS

USING AC ADAPTOR ⟶ Ⓐ

The unit can use special applied AC adaptor.

1.Insert the AC adaptor into DC IN jack of the unit.

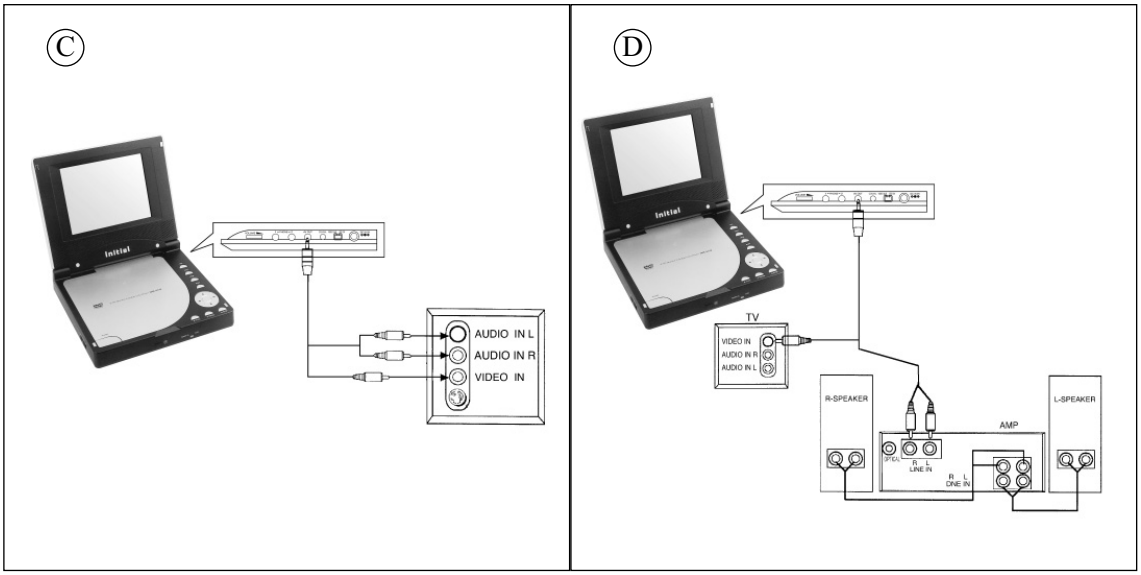
2.Insert one end of the power supply cord into the input jack of the adaptor and the other end into the household mains socket. At this time, the unit can work normally.

Note: Turn off the unit before unplugging the AC adaptor from the unit so as to avoid the unit being damaged.

USE HEADPHONES ⟶ Ⓑ

- Insert headphones into the phones jack of the unit.
- Turn off the power when inserting or removing headphones.

CONNECTIONS



CONNECT TO TV ⟶ Ⓒ

The AV cords are connected according to diagram Ⓒ :

1.Mini - plug: connect to the AV OUT jack of the unit.

2.Yellow plug: connect to the VIDEO IN jack of the TV.

3.Red - plug: connect to the AUDIO IN R jack of the TV.

4.White - plug: connect to the AUDIO IN L jack of the TV.

CONNECT TO TV AND AMPLIFIER ⟶ Ⓓ

The AV cords are connected according to diagram Ⓓ :

1.Mini - plug: connect to the AV OUT jack of the unit.

2.Yellow plug: connect to the VIDEO IN jack of the TV.

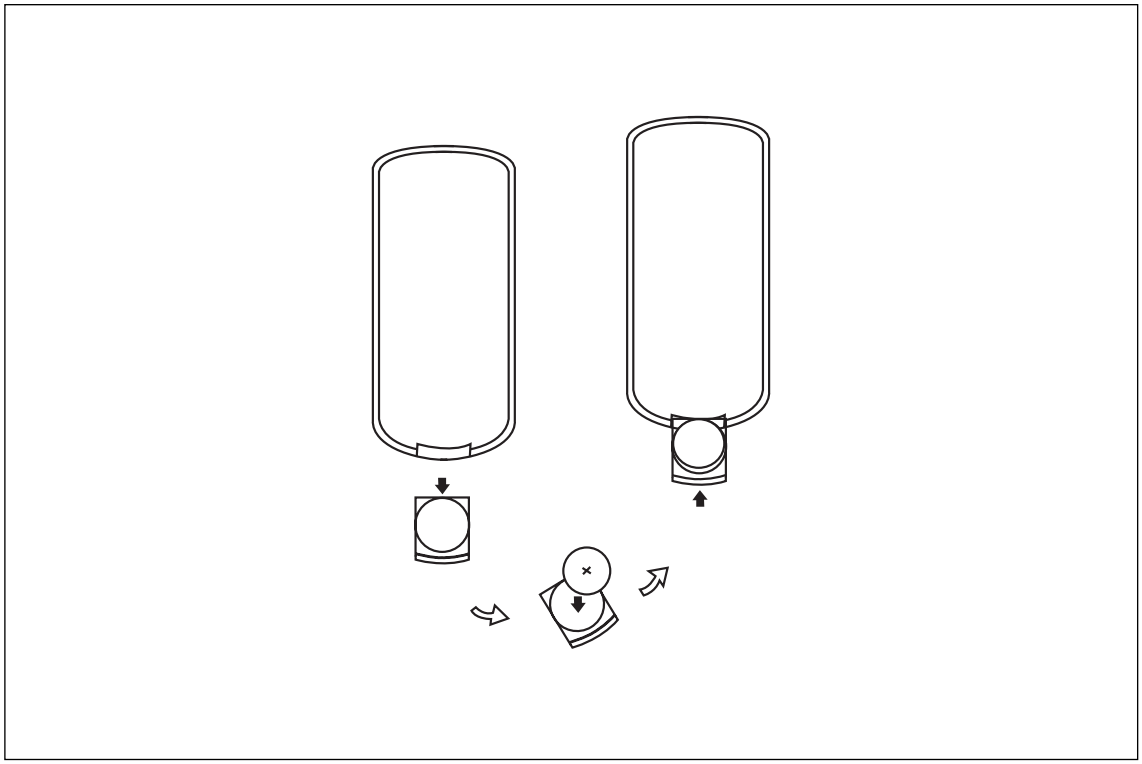
3.Red - plug: connect to the LINE IN R jack of the amplifier.

4.White - plug: connect to the LINE IN L jack of the amplifier.

5.If your amplifier has coaxial digital input terminal, you can connect the DVD player to the amplifier with a coaxial cable through the coaxial terminal.

NOTE:When the unit is connected to a TV, the slide switch must be set to "VIDEO" position.

PREPARATIONS BEFORE OPERATION



USING REMOTE CONTROL

1.Refer to the diagram, open the battery compartment of the remote control, insert batteries, then close the compartment.

2.To use the remote control, point it at the remote sensor of the unit, operate in the range of 5 meters and 60°.

3.Generally, batteries last for about one year, replace the batteries if the remote control does not work.

4.Remove the batteries if remote control is not used for a long time.

PREPARATIONS BEFORE OPERATION

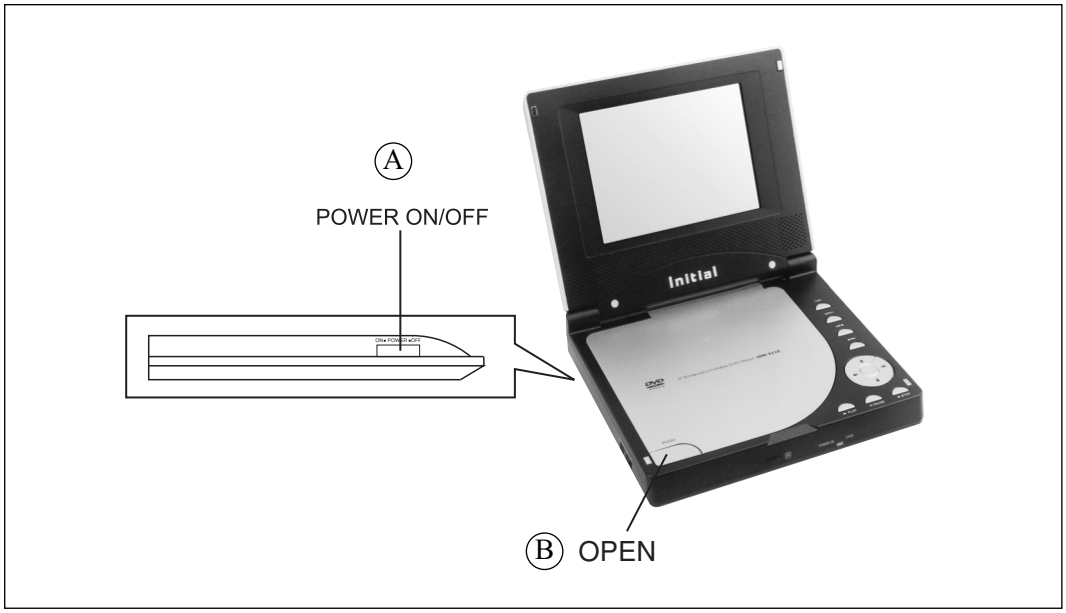
PLAYABLE DISCS

TYPE	DISC LOGO	CONTENT	SIZE	PLAYING TIME
DVD	DVD VIDEO	audio+video (motion pictures)	12cm	about 2hrs(single-side disc)
				about 4hrs (double-side disc)
			8cm	about 80mins(single-side disc)
				about 160mins(double-side disc)
CD	COMPACT disc DIGITAL AUDIO	audio	12cm	about 74mins
			8cm	about 20mins
MP3		audio	12cm	about 600mins

- The marks shown in the following chart are used in the manual.

MARK	INDICATION
DVD	functions of DVD
CD	functions of CD

BASIC OPERATIONS



BEFORE OPERATION → Ⓐ

1.Turn on the power.
2.Open the cabinet cover.
3.Set POWER ON.
4.Turn VOLUME to adjust volume. (including when using headphones).
5.When the unit is connected to a TV or an amplifier, adjust the volume according to owner's manual and set TV to AV mode.

LOADING DISC → Ⓑ

1.Press OPEN to open the disc tray.
2.Hold the edge of the disc to put it in the center with the printed side up.
3.Close the disc tray, wait until it clicks.

BASIC OPERATIONS

PLAYING DISCS DVD、CD

1.Load a disc and press ► (PLAY) to play the disc.
2.Stop playback.
Press ■ .
3.Remove the disc and switch off the unit.

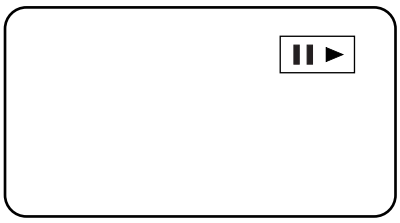
- You have to press this " ■ " button twice to stop the playback of DVD discs.

PAUSE DVD、CD

Press ❚❚

- WHEN PLAYING PICTURES

If the pictures of DVD are played, press ❚❚ to make playback pause.
The unit enters step play status. Each time you press ❚❚ , the picture advances one frame.



- WHEN PLAYING MUSIC CD

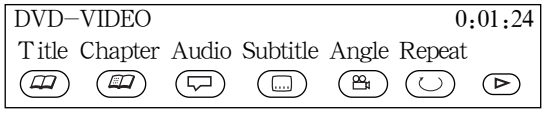
Press ❚❚ to make playback pause.
Press ► (PLAY)to resume playback.

OSD DVD、CD

The On-Screen Display (OSD) contains many playback features.To see the Display, press the OSD button on the remote while a disc is playing. The Display appears across the top of the screen.Each feature is illustrated with an icon. Use the ◄ or ► buttons on the remote to move through the different icons in the Display.
When an icon is highlighted, use the ▲or▼ buttons on the remote to scroll through the choices displayed in the text box under the icons.
Remember, you can only access the Display when you're playing a disc. Also, the Display features are only available if the disc was created with that particular feature (i.e., if you select the Subtitle icon, you won't be able to change the subtitle language unless the author of the disc created the disc with subtitles).
The invalid symbol "⃠" appears on the screen when you press a button that doesn't have any function. If one of the icons is "grayed out ",that Display feature isn't available for the disc you're playing. To make the Display disappear from the screen, press OSD on the remote.

WHEN PLAYING DVD

DVD discs have the following playback features:Title, Chapter, Audio, Subtitle, Angle and Repeat.



BASIC OPERATIONS

■ Select a Title

Some discs contain more than one title. For example, there might be four movies on one disc (each movie might be considered a title). Each title is divided into chapters. To select a title:

1. While the disc is playing, press OSD on the remote to bring up the Display.
2. If the Title icon on the Display isn't highlighted, use the ◄or►buttons to highlight it.
3. Press the▲ or▼ buttons to go to the next or previous title.

Note: Some discs only have one title.

■ Select a Chapter

Because DVD discs use digital technology, a title can be divided into individual chapters (similar to tracks on a CD). You can skip to a specific chapter by using the Chapter feature in the Display.

1. While the disc is playing, press OSD on the remote to bring up the Display.
2. Press the◄ or ►buttons to highlight the Chapter icon.
3. Press the ▲ or ▼ buttons to go to the next or previous chapter.

Notes: The chapter feature won't work if the disc isn't formatted with separate chapters. You can also advance to the next chapter by pressing ►►| on the remote and go to the preceding chapter by pressing |◄◄ on the remote.

■ Changing the Audio Language

If the disc was created with different language tracks (recorded in different languages), you can use the Display to temporarily change the DVD player's Audio Language setting.

1. While the disc is playing, press OSD on the remote to bring up the Display.
2. Press the ◄or► buttons to highlight the Audio icon. The current audio language appears in the text box below the row of icons.
3. Press the ▲ or▼ buttons to scroll through the audio languages that are available on the disc until the audio language you want to use appears in the text box. Audio will be played in that language.
4. To make the Display disappear, press the OSD button on the remote.

Note: The language feature only works if the disc was created with multiple audio tracks. When you choose an audio language from the Display, you only override the audio language setting in the DVD player's main menu temporarily.
The audio language can also be changed through the DVD player menu.

■ Selecting the Subtitle Language

If the disc was created with subtitles, you can use the Display to change the Subtitle language.

BASIC OPERATIONS

1. When the disc is playing, press OSD on the remote to bring up the Display.
2. Press the ◄ or ► buttons to highlight the Subtitle icon.
3. Press the ▲ or ▼ buttons to scroll through the subtitle languages that are available on the disc until the subtitle language you want to use appears in the text box. The subtitles will be shown in that language.
4. To make the Display disappear, press the OSD button on the remote.

Notes: Changing the subtitle language with the Display will only affect the disc currently being played. When the disc is removed or the player is turned off, the subtitle language will revert to the language setting specified through the DVD player main menu.

The subtitle language can also be changed through the DVD player menu.

■ Changing the Camera Angle

Some discs contain multiple angles of a particular scene or sequence. If the disc only has one angle, this feature won't work, When multiple angles are available, to change the camera angle:

1. When a disc is playing, press OSD on the remote to bring up the Display.
2. The Angle icon will display the number of angles available. For example, if there are 3different angles, the icon will read 1 of 3, This means angle 1 is currently being played.
3. Press the ▲ or ▼ buttons to scroll through the angle choices. The angle number displayed in the text window is automatically shown.
4. To make the Display disappear, press the OSD button on the remote.

■ Using the Repeat Feature

The default mode for the Repeat feature is off. There are three Repeat options:

- All-repeats the disc that is playing
- Title-repeats the title that is playing
- Chapter-repeats the chapter that is playing

To Use Repeat:

1. While a disc is playing, press OSD on the remote to bring up the Display.
2. Highlight the Repeat icon.
3. Press the ▲ or ▼ buttons to scroll through the Repeat options until the Repeat option you want is displayed in the text box.
4. The selected repeat option will loop repeatedly until you turn Repeat off.

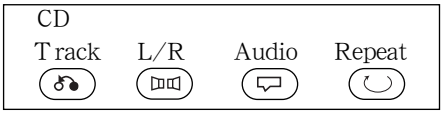
How to Cancel Repeat:

There are three ways to cancel Repeat:

- Press STOP twice.
- Go to Repeat icon in the Display and select Off.
- Eject the disc.

WHEN PLAYING CD

CD discs have the following playback features: Track, L/R, Audio (not available) and Repeat.



■ Select a Specific Track

1. While the disc is playing, press OSD on the remote to bring up the Display.
2. Highlight the Track icon.
3. Press the ▲ or ▼ buttons to scroll through the track numbers.

■ Changing the Audio Channel Output

If you are playing a Stereo CD, you can change the channel output from the player.

1. Press OSD on the remote to bring up the Display.
2. Highlight the L/R icon on the Display.

BASIC OPERATIONS

3. The audio channel choices appear in the text box. Press the ▲ or ▼ buttons to scroll through the choices: LEFT MONO, RIGHT MONO , MIXED MONO or STEREO. Whater choice is displayed becomes the active choice.

■ Using the Repeat Feature

The default mode for the Repeat feature is off.
There are two Repeat options for CDs:

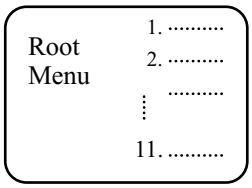
· All-repeats the disc that is playing
· Track-repeats the track that is playing

To Use Repeat:

1. While a disc is playing, press OSD on the remote to bring up the Display.
2. Highlight the Repeat icon.
3. Press the ▲ or ▼ buttons to scroll through the Repeat options until the Repeat option you want is displayed in the text box.
4. The selected repeat option will loop repeatedly until you turn Repeat off.

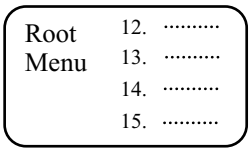
DVD MENU PLAY (DVD)

some DVDs have title menus and chapter menus.
Press ► (PLAY), the screen shows the menu.
Press ►►| or |◄◄ to skip the next or previous page, select with number buttons or direction buttons.



Example: select track 13.

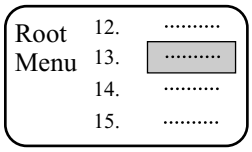
1. Press ►►| to enter the next menu.



2. Press number buttons to select directly.

You can also do as follows:

1. Press ▼ to select track 13.



2. Press ► (PLAY)to start playing track 13.

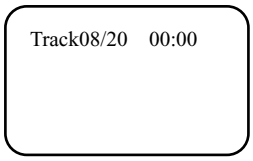
Press TITLE once to return to the title menu.
Press MENU once to return to the root menu.

SELECT WITH NUMBER BUTTONS (CD)

Load a disc. Press number buttons to select tracks after the unit finishes reading the disc.

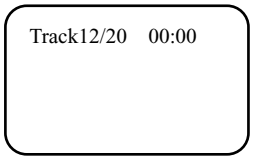
1. If the track number isn't over 10, just push buttons 1-10.
   Example: push 8 to select track 8.

   The screen shows:



2. If the track number is over 10, press +10 once and a button among 1-10.
   Example: if you select track 12, press +10 once and button 2.

   The screen shows:



FUNCTION SETTING

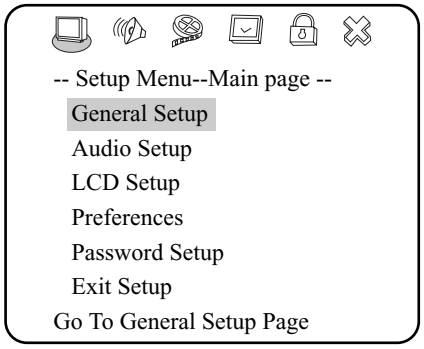
MENU SETTING

DVD CD

According to the recorded information and external equipment,set the following functions for the player to obtain the best playing status.

1.Press SETUP to set the main menu.

The main menu appears on the screen, with icons across the top of the screen, illustrating General Setup, Audio Setup, LCD Setup, Preference, Password Setup, and Exit.
The screen shows:

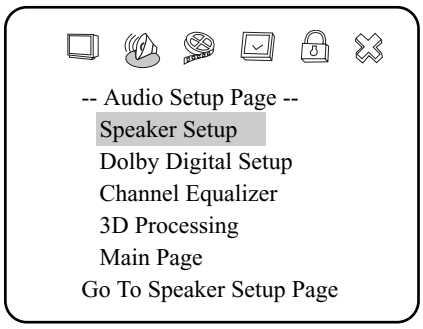


2. Press direction buttons (▼ or ▲) to select and press ► (PLAY) to confirm.

Example: Select "Audio Setup" and do some setup.

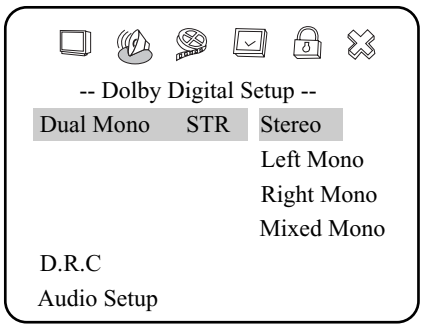
- Press direction button ▼ to highlight "Audio Setup", press ► (PLAY) to enter "Audio Setup Page".

The screen shows:



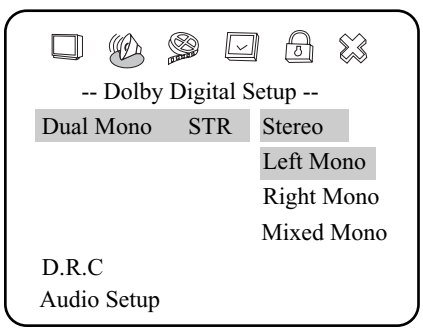
- Press direction buttons (▼ or ▲) to highlight "Dolby Digital Setup", and press ► (PLAY) to enter "Dolby Digital Setup" Page. The screen shows the submenu for your selection.

The screen shows:



- Press direction buttons ►,▼ to select "Left Mono".

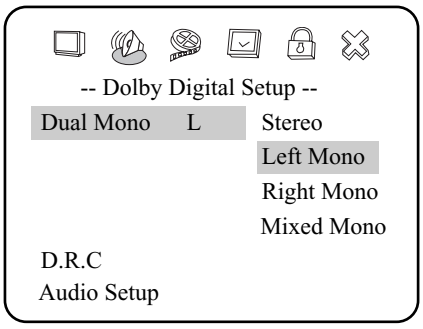
The screen shows:



FUNCTION SETTING

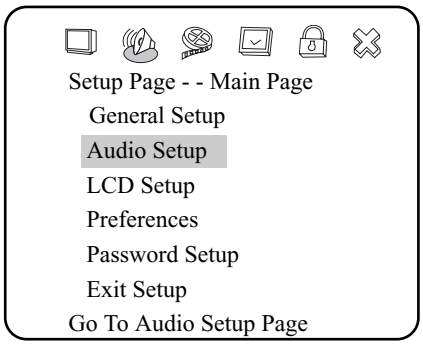
- Press ► (PLAY) to confirm your selection. Set "Dual Mono" in "Dolby Digital Setup" to "Left Mono".

The screen shows:



3. Exit setup menu.

- Press the direction button ◄ to exit from "Dual Mono".
- Press the direction button ◄ to exit from "Dolby Digital Setup".
- Press the direction button ▼ to highlight "Main Page" and press ► (PLAY). The screen shows:

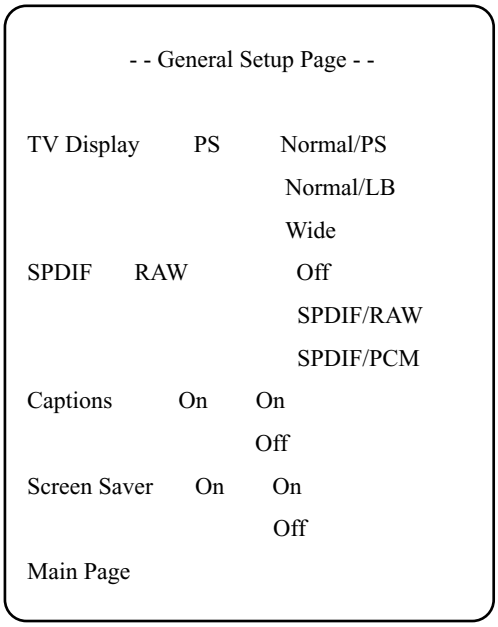


- Press the direction button ▼ to highlight "Exit Setup" and press ► (PLAY) to exit setup menu completely.

NOTE: You can also keep pressing the direction button ◄ until the cursor is moved to the last icon illustrating Exit, then press the ► (PLAY) button to exit setup menu completely.

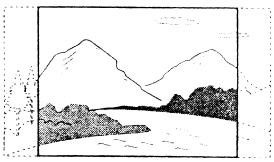
GENERAL SETUP

The setting structure is as follows:



■ TV DISPLAY

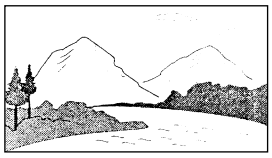
1. NORMAL/PS
   This is selected when the unit is connected to a normal TV.
   Wide-screen images are shown on the screen, but with some parts cut automatically.



FUNCTION SETTING

2. NORMAL/LB
This is selected when the unit is connected to a normal TV. Wide-screen images are shown on the screen, with black belt on the top and bottom.

3. WIDE
This is selected when the unit is connected to a wide-screen TV.



■ SPDIF OUTPUT

• SPDIF OFF: No signal is output from the digital port.

• SPDIF/RAW: Select this when the DVD player is connected with a digital amplifier through digital port. When a Dolby Digital disc or MPEG disc are played, the digital output will be optional. The power amplifier to be connected must have Dolby Digital and MPEG decoding.

• SPDIF/PCM: Select this when the DVD player is connected with a 2-channel digital stereo amplifier. When a Dolby Digital or MPEG disc is played, the digital port will output in PCM 2-channel format.

■ CAPTIONS

• ON

The hidden subtitle is shown.

• OFF

The hidden subtitle is turned off.

■ SCREEN SAVER

Start the screen saver, the screen saver image appears when the unit stops or the image is frozen for a few minutes. This saver can keep the screen from being damaged.

• ON: Start the screen saver.

• OFF: Remove the screen saver.

AUDIO SETUP

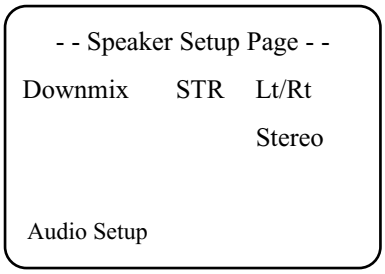
The setting structure is:

- - Audio Setup Page - -
Speaker Setup
Dolby Digital Setup
Channel Equalizer
3D Processing
Main Page

FUNCTION SETTING

■ SPEAKER SETUP

The setting structure is:



• LT/RT

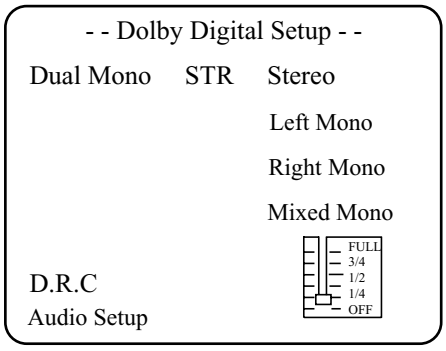
A disc recorded multi channel soundtrack, the output signal will be incorported to left and right channel.

• STEREO

A disc recorded multi channel soundtrack, the output signal will be incorported to stereo.

■ DOLBY DIGITAL SETUP

The setting structure is:



• DUAL MONO

This is the output mode of the L and R signals of the set audio output. If it is set to "MIXED MONO", the function only works when the DVD being played is 5.1-channel.

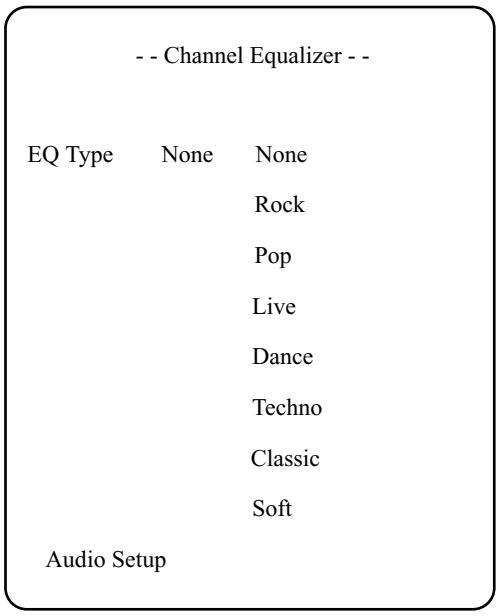
• D.R.C

This is selected to adjust linear compression rate to obtain the different compression results of the signals.

■ EQUALIZER

This will help you to select graphic equalizer patterns according to the genre of the music being played, and adjust the equalizer.

The setting structure is:



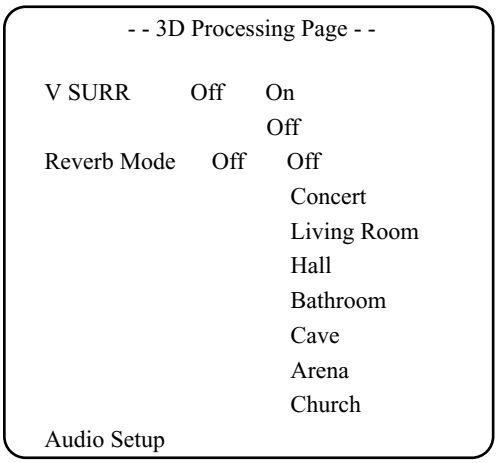
• EQ TYPE

You can select music category by pressing the direction buttons and confirm by pressing the PLAY button.

FUNCTION SETTING

■ 3D PROCESSING

The setting structure is:



• V SURR

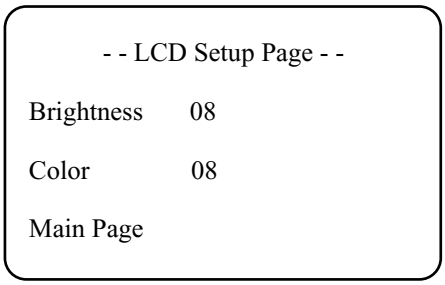
Use to turn Virtual Surround on and off.

• REVERB MODE

Use to select a Reverb Mode that you want to use.

LCD SETUP

The setting structure is:



■ BRIGHTNESS

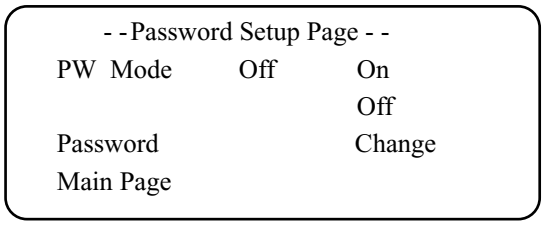
You can use the ► or ◄ button to adjust the brightness.

■ COLOR

You can use the ►or◄ button to adjust the color.

PASSWORD SETUP

The setting structure is :

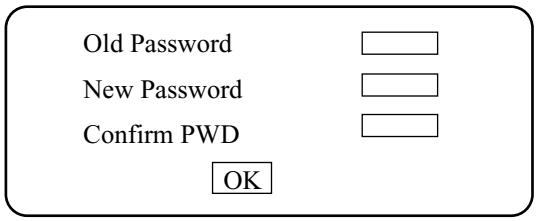


■ PASSWORD MODE

- ON: The password works, "PARENTAL" is dim and can not be selected.
- OFF: The password is locked, "PARENTAL" can be selected.

■ PASSWORD CHANGE

Select this to adapt the code, the screen shows:



Enter a password according to the screen.

Note: The password is automatically factory set to 99999.

FUNCTION SETTING

PREFERENCES

The setting structure is :

- - Preference Page - -

Audio	ENG	English
		French
		Spanish
		Chinese
		Japanese
Subtitle	ENG	English
		French
		Spanish
		Chinese
		Japanese
		Off
Disc Menu	ENG	English
		French
		Spanish
		Chinese
		Japanese
Parental	08	1 G
		2
		3 PG
		4 PG 13
		5 PGR
		6 R
		7 NC17
		8 ADULT
Default		Reset
Main Page		

■ LANGUAGE SELECTION

The IDM-5110 is capable of outputting any spoken language that is in the Audio section of the preference page as long as it is a recorded audio track on the media being played.The IDM-5110 is also capable of displaying any written subitles that is in the Subtitle section of the preference page as long as it is a recorded subtitle track on the media being played.

■ PARENTAL LOCK

The Parental Lock function is used to customize playback by not allowing particular rating media to be played on the IDM-5110. To set a particular rating of media to be played follow the following steps.

- Navigate to the Parental section on the Preferences Page.
- Select the rating that is desired and press the play button ►.
- The player will prompt your security password.
- Enter the security password then press the play button ►.

Note:Media that is rated higher than the set rating in the parental lock menu will require the security password 99999 in order to be played.

■ DEFAULT >> RESET

Each function setting returns to the initial status in the factory if you select this option.

Note:

- "PREFERENCES" only can be selected after the unit goes into stop mode.

PLAY DISCS IN VARIOUS WAYS

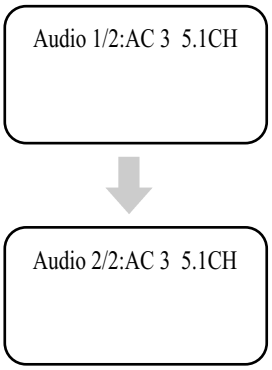
AUDIO MODE

DVD CD

- You may select a needed language from a multi-language DVD .
- You may select the right channel or left channel or stereo from a multi-channel CD.

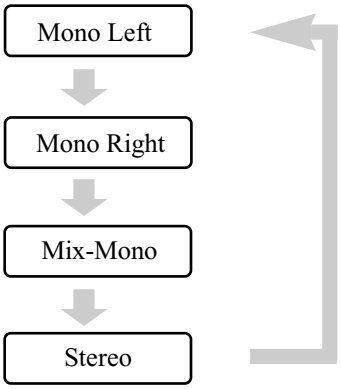
WHEN PLAYING DVD

- Press [LANGUAGE], the screen shows orderly:

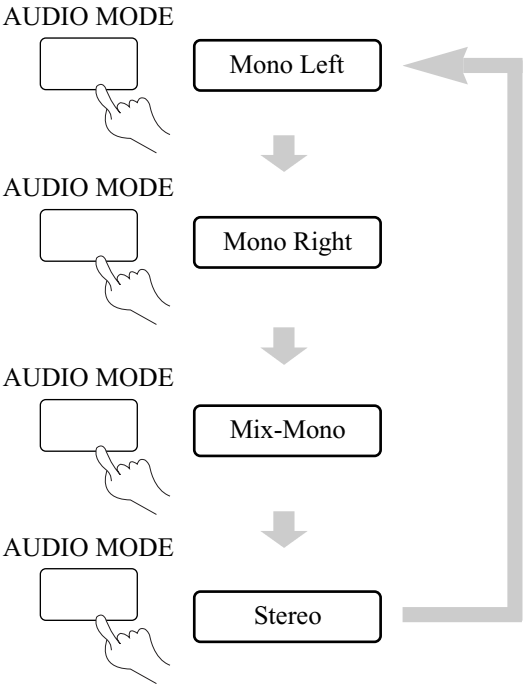


Different discs differ in languages.

- Press [AUDIO MODE], the screen shows orderly:



WHEN PLAYING CD



You may select one mode.

Notes:

- Different discs differ in languages.

PLAY DISCS IN VARIOUS WAYS

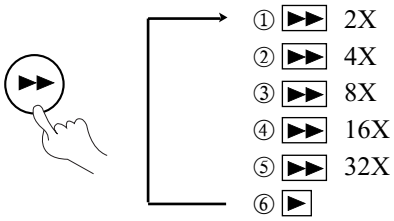
FAST PLAY

DVD CD

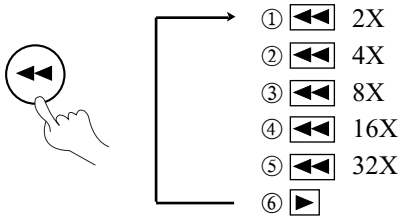
When playing a disc, you may play it forward fast or reverse it fast to find what you want.

WHEN PLAYING DVD OR CD

1. Press ►► to play forward fast. Each time you press the button, the screen shows orderly:



2. Press ◄◄ to reverse the disc fast. Each time you press the button, the screen shows orderly:



3. Press ► (PLAY) to switch to normal play while FF or FR playing.

SLOW PLAY

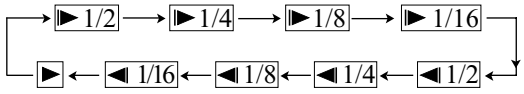
DVD

Enjoy slow motions by the following steps.

WHEN PLAYING DVD

1. Press SLOW to play slowly.

The screen shows orderly:



2.Press ► (PLAY) to play normally.

PLAY DISCS IN VARIOUS WAYS

REPEAT PLAY

DVD CD

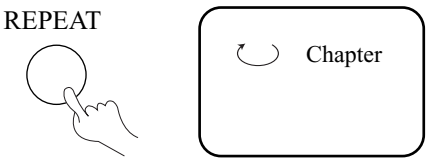
This function can be used to repeatedly play a title, chapter, track, disc, or some part on a disc.

PLAYING A DISC REPEATEDLY

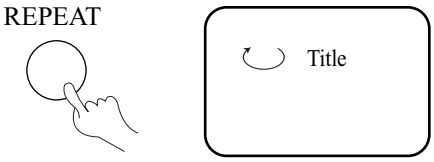
■ DVD

You may repeat a title or chapter.

1. Repeat a chapter.
   Press [REPEAT], the screen will show



2. Repeat a title
   Press [REPEAT] twice, the screen will show



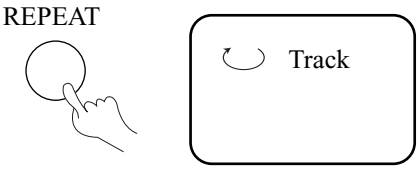
3.Repeat all.
   Press [REPEAT] third time, the screen shows " ↻ ALL".

4. Remove "REPEAT" function.
   Press [REPEAT] until " ↻ ALL" disappears.

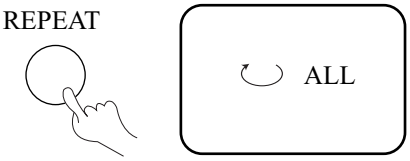
■ CD

- You may repeat a track, a disc according to the following steps.

1. Repeat a track.
   Press [REPEAT], the screen shows " ↻ Track". The unit plays the current track.



2. Repeat a disc.
   Press [REPEAT], the screen shows " ↻ ALL". The unit plays all the tracks on the disc.



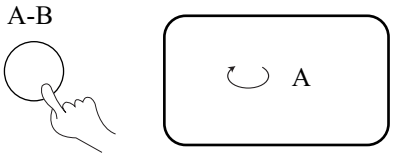
3. Remove "REPEAT" function.
   Press [REPEAT] till " ↻ ALL" disappears.

REPEAT SOME PARTS

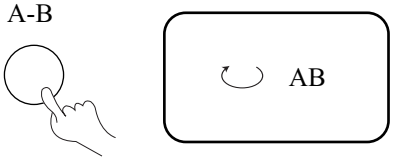
You may press [A-B] to enjoy some parts repeatedly when playing a disc.

■ PLAY DVD or CD.

1. Set a starting point A.
   The screen shows:



2. Set an end point B.
   The screen shows:



Afterwards, the unit plays from A to B.

3. Press [A-B] again till " ↻ AB " disappears.

PLAY DISCS IN VARIOUS WAYS

SELECT SUBTITLES

DVD

This operation works only with discs on which multiple subtitle language are recorded.

PLAY DVD

1. Press SUBTITLE repeatedly until the desired language is selected.

The screen shows:

SUBTITLE

Subtitle 01/03 : ENGLISH

2. Remove the subtitle.
   Press SUBTITLE until the screen shows "Subtitle Off".

Notes:

- For some discs, subtitles can not be removed.
- Different discs differ in the language of subtitles.
- If the subtitles of discs can not be selected, press SUBTITLE, the screen shows " ⊘ ".

ANGLES SELECT

DVD

Some discs have images with different viewing angles, you may select among them. For example, when you watch a running train, you may watch it from the front, the left window or the right window without stopping it.

Example:
A DVD has four viewing angles at your option.
1. Press to select ANGLE1.

SCREEN

1/4

2. Press to select other angles, the screen shows respectively:

   2/4 (select ANGLE2)
   3/4 (select ANGLE3)
   4/4 (select ANGLE4)

3. To resume normal playback, press to select original angle.

PLAY DISCS IN VARIOUS WAYS

TIME SEARCH DVD CD

TIME SEARCH

You may directly enter a time, title or chapter number to search fast on a disc, the unit plays from that point.

■ PLAY DVD

1. Search a title or a chapter.

Example: Search chapter 2 in title 6.

- Press [TIME SEARCH], the screen shows:

Title 03/30 Chapter 01 /04

- Press the direction button and move the cursor to illuminate the title number. The screen shows:

Title 03 /30 Chapter 01/04

- Press button [6] to select title 6, the screen shows:

Title 06/30 Chapter 01/04

- Repeat the steps above, select chapter 2 in title 6.

2. TIME SEARCH

- Press [TIME SEARCH] until the screen shows:

Time _ : _ _ : _ _

- Press number buttons to enter hour, minute and second.

Example: Enter [1],[0],[2],[3],[8]
After setting, the unit will play the disc from 1:02:38.

■ PLAY CD

To jump to a specific time, use [TIME SEARCH] to set the time for the desired location.

Example: Play from 00:01:38 of track 6.

1. Press button [6] to select track 6.
   The screen shows:

Track 06/20 00:01

2. Press [TIME SEARCH] until the screen shows:

Track Go To _ _ : _ _

3. Press button [0],[1],[3],[8] to enter the time.
   The screen shows:

Track 06/20 01:38

- The unit plays from 00:01:38 of track 6 after setting.
- Press [10/0] to enter 0.

Note: CD discs have three options in time search function:

- You can enter the elasped time of a disc to play.
- You can enter the elasped time of a track to play.
- You can go to a track you want play by entering the track number.

PLAY DISCS IN VARIOUS WAYS

BOOKMARK DVD

The bookmark feature lets you make a point on the disc that you can go to quickly. You can store up to 12 bookmarks per disc. When you turn the player off or remove the disc, bookmarks are cleared.

Storing a Bookmark

1. While a disc is playing, press RESUME on the remote.
2. The Bookmark Menu appears.
3. When you reach the scene you want to mark, press PLAY .
4. If you want to mark another point, press ► the button to move the cursor to next spot. When you reach another scene you want to mark, press PLAY.
5. Press RESUME to make the Bookmark Menu disappear from the screen and resume to normal playback.

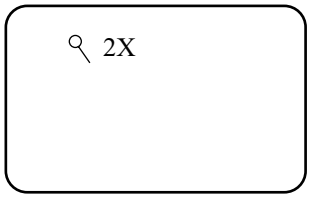
Using a Bookmark

1. While a disc is playing, press RESUME on the remote.
2. The Bookmark Menu appears.
3. Use the direction buttons to highlight the bookmarked scene you want to activate. Press PLAY to go to the place you marked.

ZOOM PLAY DVD

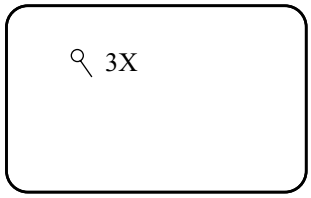
This function can be used to watch a motion or motionless picture.

1. Press ZOOM during playback, the screen shows:



The picture is enlarged twice the size.

2. Press ZOOM again, the screen shows:



The picture is enlarged three times the size.

Note: The unithas three zoom steps:

2X, 3X, 4X .

3. Push ◄, ▲, ▼, ► to move the enlarged picture.
4. To resume the picture, push ZOOM until the picture is in normal size.

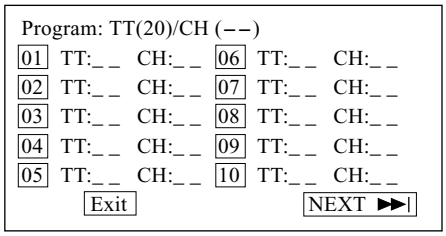
PLAY DISCS IN VARIOUS WAYS

PROGRAM PLAY (DVD) (CD)

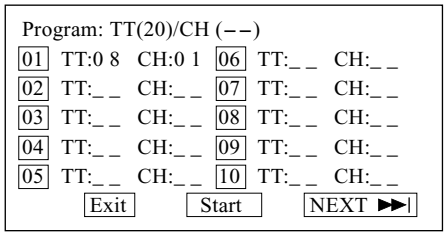
To use the program playback feature, you must enter the order in which you want the titles (and chapters) on the DVD or the tracks on the CD to play by creating a program.

WHEN PLAYING DVD

1. Press [PLAY MODE] until the screen shows:



2. Use the number buttons on the remote to enter the title (and chapter) you want to play first. The title (and chapter) number you entered appears in the box. The screen shows:



3. The cursor jumps to the next spot in the program list section.
Make sure the box is highlighted and enter your next track.

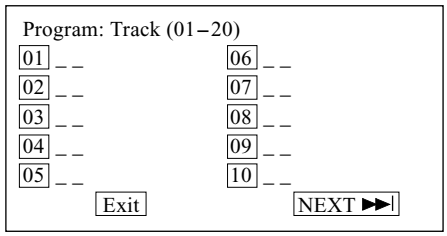
4.Continue adding titles (and chapters) until your program is complete. You can play your program by highlighting START and press [PLAY] .

Note: If the titles (and chapters) you want to program are more than 10, you can highlight NEXT and press [PLAY] to go to the next page.

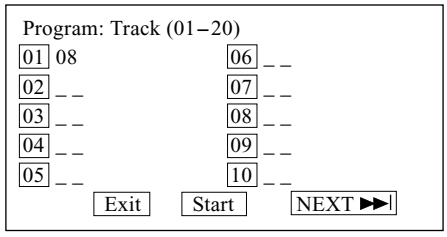
5. To remove program playback, press the [STOP] button twice during the program play.

WHEN PLAYING CD

1. Press [PLAY MODE] until the screen shows:



2. Use the number buttons on the remote to enter the track number you entered appears in the box. The screen shows:



3. The cursor jumps to the next spot in the program list section. Make sure the box is highlighted and enter your next track.

4. Continue adding tracks until your program is complete. You can play you program by highlighting START and press [PLAY]

Note: If the tracks you want to program are more than 10, you can highlight NEXT and press [PLAY] to go to the next page.

5. To remove program playback, press the [STOP] button during the program play.

PLAY DISCS IN VARIOUS WAYS

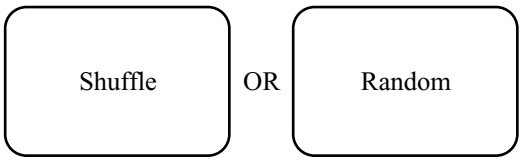
SHUFFLE OR RANDOM PLAY

DVD CD

The unit can play by random orders.
The order is different each time.

1. Press PLAY MODE to select shuffle or random play mode while a disc is playing.

The screen shows:



2. press ►(PLAY) to start shuffle or random play.
   The unit selects a track to play.
3. Remove shuffle or random play.

- When playing a DVD disc, press ■ twice.
- When playing a CD disc, press ■ twice.

DIGEST PLAY

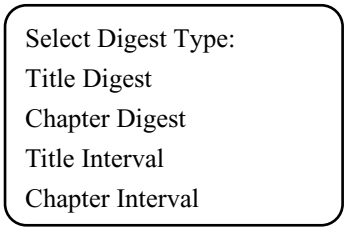
DVD CD

This function can be used to look through the content of the track or disc.

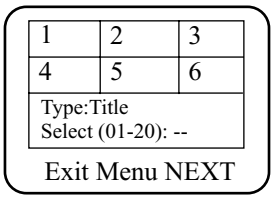
PLAYING DVD

1. Press DIGEST while a disc is playing.

The screen shows:



Use the ▼ or ▲ buttons to select "TITLE DIGEST" and press PLAY to confirm.
The unit begins to look through the titles, and shows the starting picture of each title on the screen.



Each page has six pictures, their location may be different.

2. Use the direction buttons to select NEXT on the screen, and press PLAY to go to the next page.

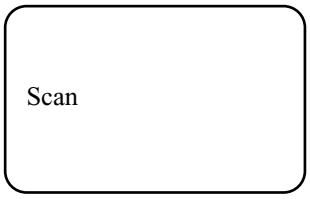
3. To remove the digest feature, use the direction buttons to select EXIT on the screen and press PLAY to confirm.

Note: If you have stored bookmarks on a DVD disc, there will be one more digest option: BOOKMARK DIGEST.

PLAYING CD

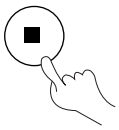
1. Press DIGEST after the unit stops.

The screen shows:



The unit plays the first ten seconds of each track one after another.

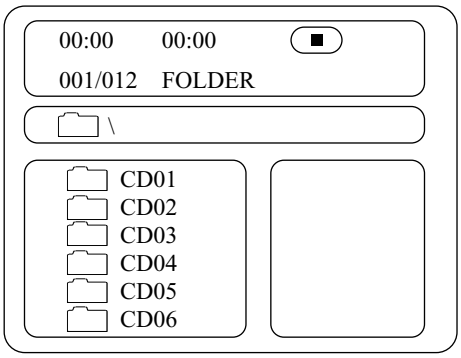
2. Remove digest play.
Press STOP, digest play is removed and the unit stops.



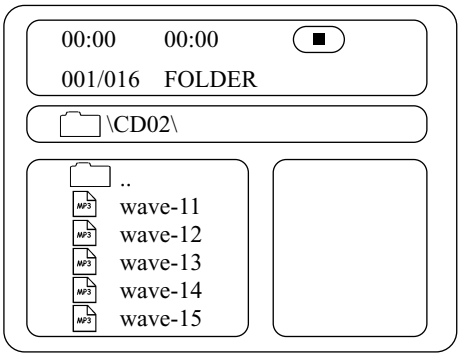
Note: A CD disc only has "SCAN" function.

■ SELECT TRACKS WITH MENU

1. Insert a disc, the unit will search disc information. The TV screen displays main menu.



2. Press direction key ▼ to select song folder. Press ► (PLAY) to confirm selection. Example: Select CD02, the TV screen displays.



3. Press direction buttons to select a song. Press ► (PLAY) button to start playback.
4. Press ▲ or ▼ button to select other tracks, and press ► (PLAY) button to play.
5. In stop mode, select the folder icon on the left side, then press ► (PLAY) button to return to the main menu.
6. Press ►►| or |◄◄ to play previous or next songs.

■ OTHER FUNCTIONS

During playback MP3 discs, the unit features volume control, repeat play and etc. Operations are the same as CD.

OTHERS

ACCESSORIES

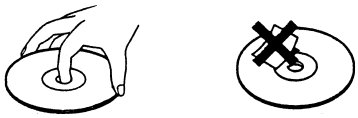
Check if you have all the accessories after the carton is opened.

- AV cable 1
- Remote control 1
- Owner's manual 1
- AC power adaptor 1
- Rechargeable battery pack 1
- Warranty card 1

PRECAUTIONS FOR DISC

HANDLING DISC

- To keep the disc clean, do not touch the play sides of the disc.
- Do not attach paper or tape to the disc.



- Keep the disc away from direct sunlight or heat sources.
- Store the disc in a disc case after playback.

CLEANING DISC

- Before playback, wipe the disc outwards from the center with clean cloth.

TROUBLE SHOOTING

If you experience the following problems while using the unit, this troubleshooting guide can help you.

No sound

- Check if the unit is connected securely.
- Check if the volume of headphone is set to MIN when using headphone.
- Make sure you operate the TV or amplifier correctly.
- Make sure you have selected DVD player position on the amplifier.

No image

- Check if the unit is connected securely.
- Make sure you operate the TV correctly.
- Make sure you set the color system correctly.

Bad sound quality

- Make sure the audio output mode is set correctly.
- Make sure the audio connection between the unit and amplifier is right.

Disc can not be played

- There is no disc in the unit.
- Put the disc on the disc tray properly with the label side up.
- Clean the disc.
- Moisture has condensed in the unit. Remove the disc and leave the unit on for about one hour.

Remote control does not work

- Remove barriers between the remote control and the unit.
- Point the remote control at the remote control sensor of the unit.
- Replace the batteries with new ones.

Image rolls and no color

The color system of the unit doesn't match with that of TV. Please select the correct TV TYPE until TV shows normal color.

OTHERS

TECHNICAL SPECIFICATIONS

Laser		wavelength 650nm
Video system		NTSC
Frequency response		20Hz～20KHz ±1dB
Signal/noise ratio		⩾95dB
Audio distortion + noise		⩽-80(1KHz)
Channel separation		⩾85dB
Dynamic range		⩾85dB
Output	Audio out (analog audio)	Output level: 2V±10% Load impedance: 10k‰
	Audio out (digital audio)	Output level: 0.5Vp - p
	Video out	Output level: 1Vp - p±20% Load impedance: 75‰, imbalane, negative polarity
Power supply		DC 9V 2A
Allowable motion temperature		5～35℃
Power Consumption		⩽20W
Dimensions		165 × 145 × 37mm
Weight		Around 620g

This manual is only for your reference, any change to the design and specifications will not be advised.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

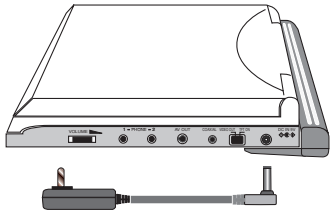
USING THE BATTERY PACK

Attach the battery pack properly following the explanation below. Make sure that the battery pack is attached firmly to the player when using it. Otherwise, the battery may become detached and cause person injury.
Charge it before using.

■ ATTACHING THE BATTERY PACK

First disconnect the AC adaptor and the power cord from the player, then attach the battery pack.
1. Turn the player off.
2. Turn the player upside down.
3. Insert the battery pack's catches into the player's corresponding holes. Then, slide the battery pack until it is attached firmly.

Note: Remove the battery pack from the player after being used.



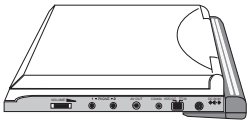
■ CHARGING THE BATTERY PACK

1. Turn the player off. The battery pack will charge only when the POWER to the player is turned OFF.
2. Attach the battery pack to the player.
3. Connect the supplied AC adaptor and the power cord to the player. Charging starts, and the CHG indicator illuminates orange. When the charging is completed, the indicator turns off.

Notes:
1) While the charge is in progress, do not disconnect the AC adaptor and the power cord until the CHG indicator turns off. The charging time of a battery pack is approximately 4.5 hours and depends on environmental conditions.
2) The attached battery pack may get warm when you are charging it or operating the player. This is not a defect.
3) The battery indicator is shown on the screen when the power in the battery pack is running low.

■ DETACHING THE BATTERY PACK

1. Turn the player off.
2. Disconnect the AC adaptor and the power cord from the player.
3. Turn the player upside down.
4. Slide the battery pack's lock switch in the open direction, then slide the player in the correct direction to remove it.



■ PLAYBACK TIME

Generally, after the battery pack is recharged,its continuously working time is as follows. For example:

Model	Operating status	Continuous playing time
IDM-5110	Play DVD, TFT on	about 2 hours
	Play DVD, TFT off	about 2.5 hours

■ CONDITIONS AND ATTENTION

While using the battery pack, the environmental temperature should be 5˚C (41˚F) to 35˚C (95˚F).
A newly purchased battery pack can only be used after being charged.
To undertake the longest service life of the battery pack, charge it under or close to indoor-temperature.
Never dispose of in fire, water or heat up.
Do not use in high temperature or near heat sources.
Never connect the positive and negative poles with metal.
Do not open the battery, refer servicing only to qualified service personnel.